

Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application:

1.(currently amended) ~~Antenna~~ An antenna system that comprises on a same substrate:

- a first antenna of a first type (10), and
- second and third antennas (11, 12) of a second type,

~~characterized in that wherein~~ the first to third antennas (10 to 12) are slots which are excited by longitudinal radiation and are placed on the same edge of the same substrate, and in that the first antenna (10) is placed between the second and third antennas (11, 12).

2. (currently amended) ~~System~~ The system according to claim 1, ~~characterized in that wherein~~ the first antenna (10) is a transmission antenna and the second and third antennas (11, 12) are reception antennas, and in that the first antenna (10) is offset with respect to the second and third antennas (11, 12) such that the radiating extremity of the first antenna (10) extends beyond the radiating extremities of the second and third antennas (11, 12), the radiating extremity of the first antenna (10) being located in the radiating zones of the second and third antennas (11, 12).

3. (currently amended) ~~System~~ The system according to claim 1 ~~or 2~~, ~~characterized in that , wherein~~ a notch (40) in a ground plane (13) of the substrate is placed between the first antenna (10) and the second antenna (11) as well as between the first antenna (10) and the third antenna (12).

4.(currently amended) ~~System~~ The system according to ~~one of claims 1 to 3~~, ~~characterized in that claim 1, wherein~~ the slots (10 to 12) are excited by feed lines constituted by microstrip lines (14, 16, 17, 30).

5.(currently amended) ~~System~~ The system according to claim 4, ~~characterized in that wherein~~ the feed lines of the second and third antennas (11, 12) constitute a single microstrip line (30).

6.(currently amended) ~~System~~ The system according to claim 5, ~~characterized in that wherein~~ the microstrip line (30) constituting the feed lines of the slots of the second and third antennas (11, 12) crosses the slot of the first antenna (10), in that the crossing point (31) is situated on the microstrip line (30) at a distance, from the extremity of the said line, in the order of an odd multiple of half the guided wavelength (λ_m) in the microstrip line, and in that the crossing point (31) ~~is being~~ situated on the slot (10) at a distance from a closed extremity of the said slot in the order of an odd multiple of half the guided wavelength (λ_f) in the slot.

7.(currently amended) ~~System~~ The system according to claim 6, ~~characterised in that wherein~~ the extremities of the slots of the second and third antennas (11, 12), being situated opposite the radiating extremity, open out onto a break (34, 35) in the ground plane on which they are drawn, the break of the ground plane being able to be short-circuited via a diode (38, 39).

8.(currently amended) A PCMCIA standard interface card ~~characterized in that it comprises~~ comprising an antenna system ~~according to one of claims 1 to 7 that comprises on a same substrate:~~

a first antenna of a first type, and

second and third antennas of a second type,

wherein the first to third antennas are slots which are excited by longitudinal radiation and are placed on a same edge of the same substrate, the first antenna being placed between the second and third antennas.

9.(currently amended) ~~Card~~ The card according to claim 8, ~~characterized in that wherein~~ the antenna system is placed at the end of the card in a zone placed outside a card drive.